



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Shen et al.

Assignee: Atwood Mobile Products, Inc.

U.S. Patent No.: 5,573,648 Date Issued: November 12, 1996

Application No.: 381,718 Date Filed: January 31, 1995

Reissue Application No.: 10/621,999 Reissue Filing Date: July 17, 2003

Title: GAS SENSOR BASED ON PROTONIC CONDUCTIVE  
MEMBRANES

\*\*\*\*\*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

PETITION FOR OFFICIAL FILING RECEIPT

Dear Sir:

This petition is being filed for the above-referenced reissue application because no filing receipt has been received for said application. Enclosed with this petition is a Certificate of Express Mail, a Fee Transmittal form, a Return Receipt Postcard and the required \$130 petition fee under 37 C.F.R. § 1.17(h).

As shown on the copy of the postcard attached hereto, the following reissue papers were filed on July 17, 2003:

- (i) Return Receipt Postcard;
- (ii) Reissue Application Transmittal Letter (2 pages);
- (iii) Reissue Application Fee Transmittal Form (1 page in Duplicate);
- (iv) Power of Attorney or Authorization of Agent Form (2 pages);
- (v) Reissue Application Declaration by the Assignee (8 pages);

*Petition for Official Filing Receipt for US Application No. 10/621,999  
Reissue of U.S. Patent No. 5,573,648  
Page 1 of 2*

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- (vi) Chart Showing Differences in Claim Language between the Original Patent Claims and the Presented Reissue Claims (395 pages);
- (vii) Reissue Application Consent of the Assignee (1 page);
- (viii) Certificate Under 37 C.F.R. § 3.73(b) (11 pages);
- (ix) Preliminary Amendment (25 pages);
- (x) Copy of Specification, Figures and Claims of U.S. Patent No. 5,573,648 (18 pages);
- (xi) Statement Under 37 C.F.R. § 1.178(b) (2 pages); and
- (xii) A Certificate of Express Mail (2 pages).

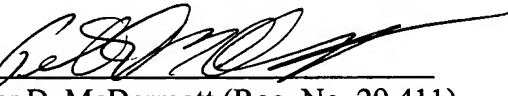
The return receipt postcard (mailed with the reissue papers filed on 17 July 2003) was returned to us on July 31, 2003 and was marked with U.S. Application No. 10/621,999 and a filing date of July 17, 2003.

To date, however, no official filing receipt has been received for the above-referenced reissue application.

Applicants hereby petition the Commissioner for an official filing receipt in the above-referenced reissue application.

Respectfully submitted,  
Shen et al.

Date: 24 Nov 2003

By:   
Peter D. McDermott (Reg. No. 29,411)  
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Patentee:** Shen et al.**Assignee:** Atwood Mobile Products, Inc.**U.S. Patent No.:** 5,573,648**Date Issued:** November 12, 1996**Application No.:** 381,718**Date Filed:** January 31, 1995**Reissue Application No.:** 10/621,999 **Reissue Filing Date:** July 17, 2003**Title:** GAS SENSOR BASED ON PROTONIC CONDUCTIVE  
MEMBRANES

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**CERTIFICATE OF EXPRESS MAIL**

Dear Sir:

**Express Mail Label No.:** EV396912764US**Date of Deposit:** November 25, 2003

I hereby state that the following:

- (i) Return Receipt Postcard;
- (ii) Petition for Official Filing Receipt (2 pages);
- (iii) Copy of Return-Receipt Postcard (1 page); and
- (iv) Fee Transmittal (1 page in Duplicate)

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Elaine Fabrizio

Signature of person mailing paper or fee

*Certificate of Express Mail for*  
*Petition for Official Filing Receipt for US Application No. 10/621,999*  
*Reissue Application of U.S. Patent No. 5,573,648*  
*Page 1 of 1*



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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 130

## Complete if Known

Application Number 10/621,999  
Filing Date July 17, 2003  
First Named Inventor Yousheng Shen  
Examiner Name Not yet assigned  
Art Unit Not yet assigned  
Attorney Docket No. 011361.00064

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number

19-0733

Deposit Account Name

Banner & Witcoff, LTD.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 0

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
	** = 0	X	= 0
Independent Claims	Extra Claims	Fee from below	Fee Paid
	** = 0	X	= 0
Multiple Dependent	Extra Claims	Fee from below	Fee Paid
	X		= 0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	130
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 130

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Peter D. McDermott	Registration No. (Attorney/Agent)	29,411	Telephone	617-720-9600
Signature				Date	24 Nov 2003

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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